

Converting Colors

Hex(550091)

Have a look what the booklet for
Hex(550091) contains.

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Color

Hex(550091)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 550091 |
| RGB | 85, 0, 145 |
| RGB Percent | 33%, 0%, 57% |
| CMY | 0.6667, 1.0000, 0.4314 |
| CMYK | 0.41, 1.00, 0.00, 0.43 |
| HSL | 275°, 100%, 28% |
| HSV | 275°, 100%, 57% |
| XYZ | 8.8571, 3.9756, 27.0886 |
| YIQ | 41.9450, 4.1150, 63.1150 |

Conversions

Conversions Part 2

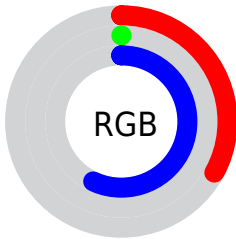
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 85, 0, 145 |
| Decimal | 5570705 |
| CIE _{Lab} | 23.59, 56.03, -57.53 |
| CIE _{LCh} | 24, 80.308, 314.247 |
| Yxy | 3.9756, 0.2219, 0.0996 |
| Android (android.graphics.Color) | 4283760785 (0xFF550091) |
| YUV | 41.9450, 50.8061, 37.7592 |
| Hunter-Lab | 19.9390, 44.3987, -66.5927 |

Details

The Hex color **550091** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3C9100**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **8D40C8**, and **1A005D** is the 20% darker color. If you saturate the color by 10%, you get **550091**, and if you desaturate by 10%, it is **5B0E91**.

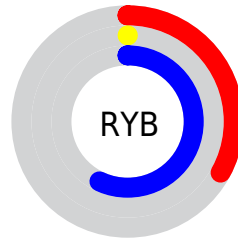
Distribution



Red (33%)

Green (0%)

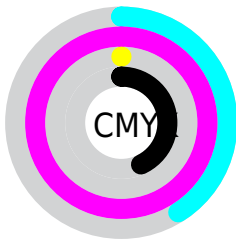
Blue (57%)



Red (33%)

Yellow (0%)

Blue (57%)

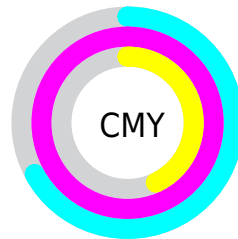


Cyan (41%)

Magenta (100%)

Yellow (0%)

Black (43%)



Cyan (67%)

Magenta (100%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 550091 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 550091 by changing the saturation by 10% instead.

■ 550091

■ 550091

FFFFFF

■ 380077

■ 8D40C8

■ 1A005D

■ AA5BE5

■ 000045

■ C775FF

■ 00032D

■ E490FF

■ 000118

■ FFACFF


■ 000000

■ FFC8FF

■ FFE5FF

■ 550091

 5B0E91

 611D91

 672C91

 6D3A91

 734991

 795791

 7F6691

 857491

 8B8391

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0039B2



550091



8D005B

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



550091



5F2900



004C55

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



550091



3C9100

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004A13



550091



2A3F00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



550091



840000



004700



004D8E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



550091



970033



004700



004C40

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



550091



A584BD



003C91



503C5E



DEDEDE



5E5E5E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



550091



6F00BD



910085



444047



4F0087



040008

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



91003C



BD004E



00910C



474043



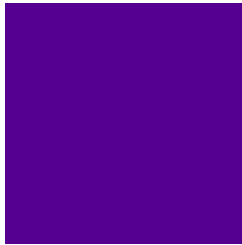
870038



080003

Previews

White Background



This preview shows how the Hex color 550091 looks on a white background.

Color Contrast Check

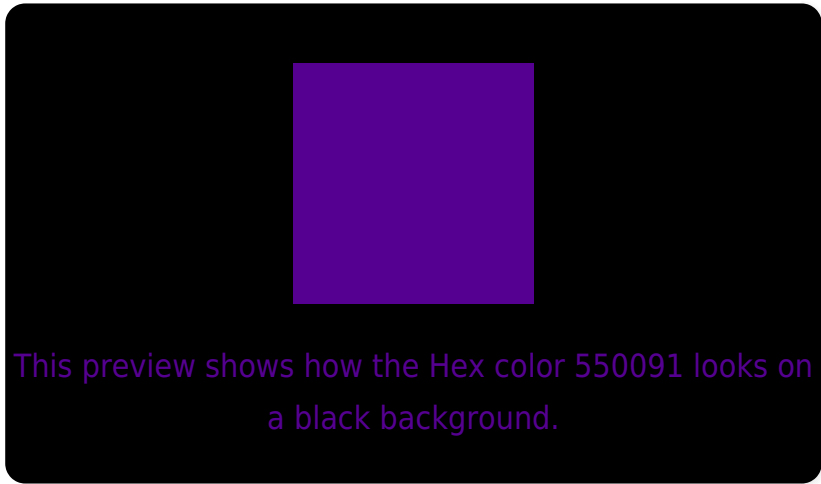
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

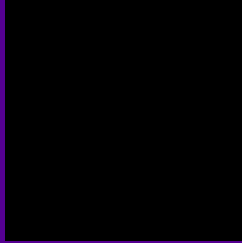
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 550091 Background



This preview shows how black text looks on a background with the Hex color 550091.



This preview shows how white text looks on a background with the Hex color 550091.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

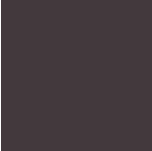
Dichromacy



Original Color
550091

Protanopia
003979

Deuteranopia
003D68



Tritanopia
43393D

Trichromacy



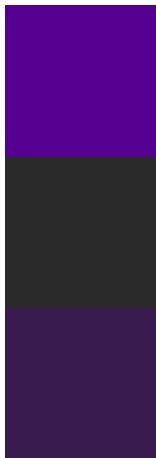
Original Color
550091

Protanomaly
1F2482

Deuteranomaly
1F2777

Tritanomaly
4A245C

Monochromacy



Original Color
550091

Achromatopsia
2A2A2A

Achromatomaly
3A1B4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 550091 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #550091 looks like.

```
.text, #text, p{  
    color:#550091  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #550091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #550091
}
```

Border

The CSS property to change the border of an element to Hex 550091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

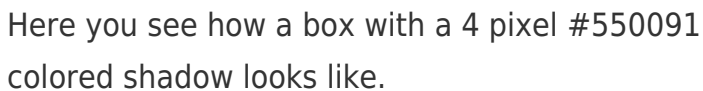
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#550091 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#550091 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #550091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #550091; -webkit-box-shadow:4px 4px  
4px 4px #550091; box-shadow:4px 4px 4px  
4px #550091 }
```

Background

The CSS property to change the background color of an element to Hex 550091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#550091 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#550091 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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